

Monthly Morbidity Report

October 2003

Highlights

Utah's [influenza](#) season started earlier this year compared to 2002. Five cases of Type A influenza virus infections were reported during the month, compared with none reported during October 2002.

One Utah resident tested positive for [West Nile Virus](#) infection this month. The patient acquired the infection out-of-state. To date, 7 Utahns have tested positive for West Nile Virus infections. Six had out-of-state exposures and one was exposed in Uintah county. West Nile Virus activity has been detected in 9 Utah counties.

There were 2 confirmed [Haemophilus influenzae](#) invasive infections reported to the Office of Epidemiology this month. Family contacts received prophylactic treatment to prevent the disease.

There were more cases of [Campylobacter](#) (29), [E. coli](#) (15), and [Shigella](#) (8) infections reported to the Office of Epidemiology this month than expected. Although investigations are ongoing, none of these cases has been identified as outbreak- related.

The number of [viral meningitis](#) cases reported this month (41) was nearly double the number (23) reported during October 2002. There may be several reasons for the increase. One possible cause may be due to an increase in testing for West Nile Virus infections due to the recent emergence of this pathogen in Utah. Another cause may be due to the seasonality of enteroviruses. Enterovirus activity may increase every few years, particularly in the fall.

The total number of confirmed* cases for 20 selected diseases, reported by Utah [health districts](#), is provided below ([Table 1](#) and [Figure 1](#)). Click on the disease names in Table 1 to access their corresponding fact sheets. Click [here](#) for sexually-transmitted disease epidemiologic data. Click [here](#) for AIDS/HIV epidemiological data.

* There is no "Confirmed Case" classification that has been defined for SARS. Therefore, the number of SARS cases reported to date represents only the number of "Suspect" or "Probable" cases.

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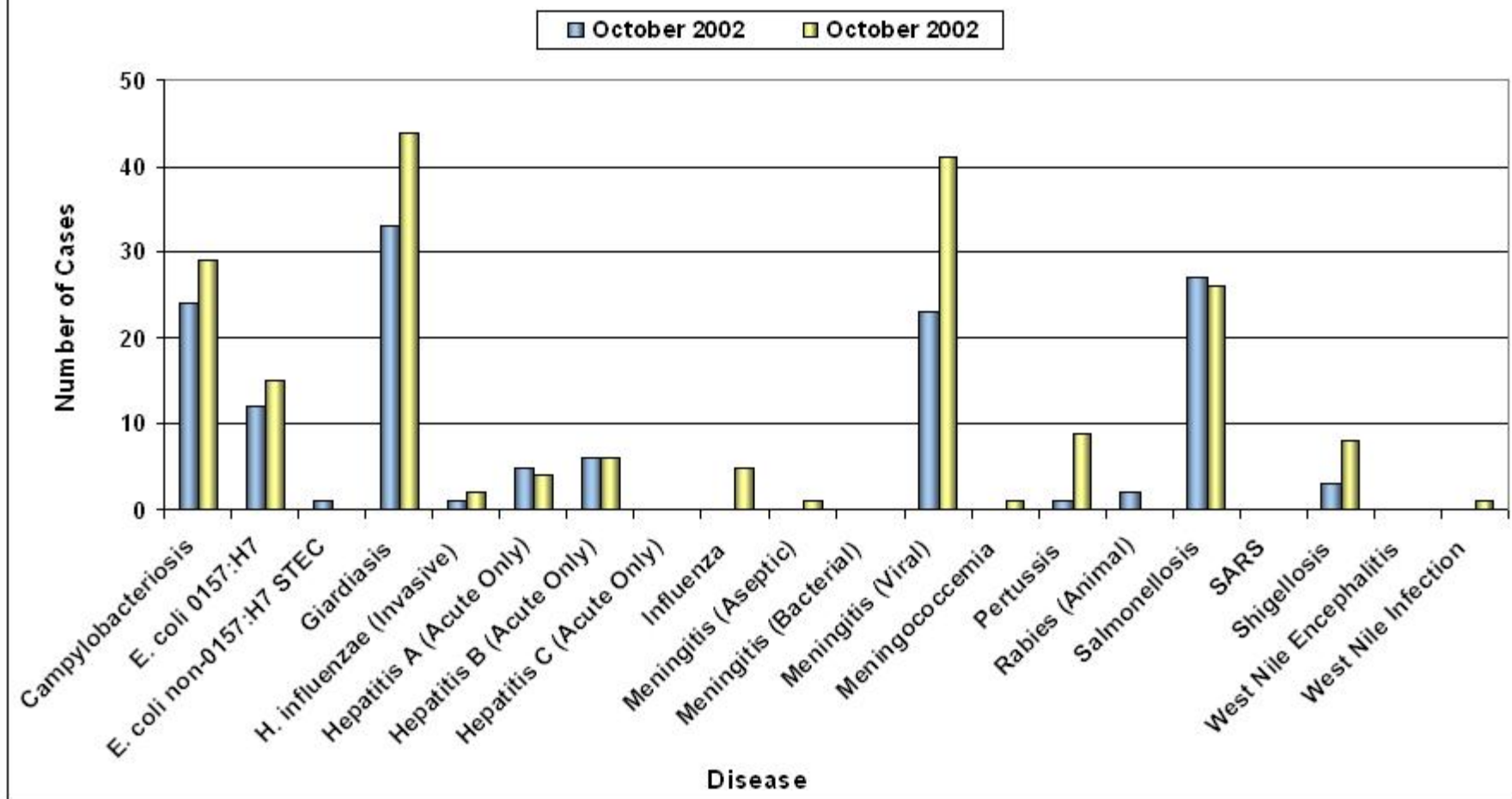
Updated: 11/07/2003 (DJ)

Table 1. Cumulative Number of Confirmed* Diseases, by Health District, Reported in Utah, October 2003

Health District	Campylobacteriosis	<i>E. coli</i> 0157:H7	<i>E. coli</i> non-0157:H7 STEC	Giardiasis	<i>H. influenzae</i> (Invasive)	Hepatitis A (Acute Only)	Hepatitis B (Acute Only)	Hepatitis C (Acute Only)	Influenza	Meningitis (Aseptic)	Meningitis (Bacterial)	Meningitis (Viral)	Meningococcemia	Pertussis	Rabies (Animal)	Salmonellosis	SARS	Shigellosis	West Nile Encephalitis	West Nile Infection
Bear River	4	3		1												1				
Central	7			2																
Davis	2			6								13	1	9		2		1		
Salt Lake	9			3	1	1	6		5			22				15		6		1
Southeast				1	1							1				2				
Southwest	1					1										2				
Summit						1				1						1				
Tooele	1																			
Tricounty																				
Utah County	4			4		1						1				3		1		
Wasatch																				
Weber-Morgan	1			4								4								
October 2003	29	15	0	44	2	4	6	0	5	1	0	41	1	9	0	26	0	8	0	1
October 2002	24	12	1	33	1	5	6	0	0	0	0	23	0	1	2	27	0	3	0	0
2003 To Date	219	65	20	315	12	35	44	0	351	3	0	181	1	70	14	193	6	43	1	3
2002 To Date	218	68	18	275	16	44	40	4	384	0	0	80	4	39	12	160	0	25	0	0

* There is no "Confirmed Case" classification that has been defined for SARS. Therefore, the number of SARS cases reported to date represents only the number of "Suspect" or "Probable" cases.

Figure 1. Number of Confirmed* Cases, by Disease, Reported to the Office of Epidemiology,
October 2002 and October 2003



* There is no "Confirmed Case" classification that has been defined for SARS. Therefore, the number of SARS cases reported to date represents only the number of "Suspect" or "Probable" cases.